



**Figure - 1**

**ISP CONNECTS TO INTERNET INTERFACE**



**ISP TRANSMITS A MODEM STATUS REQUEST TO THE INTERNET INTERFACE**



**INTERNET INTERFACE TRANSFERS MODEM STATUS REQUEST SERVER**



**SERVER TRANSMITS MODEM STATUS REQUEST INTEGRATOR WHICH INTERPRETS AND RETRIEVES CORRESPONDING SUBSCRIBER INFORMATION**



**INTEGRATOR TRANSMITS CORRESPONDING SUBSCRIBER INFORMATION TO SERVER**



**SERVER CONVERTS CORRESPONDING SUBSCRIBER INFORMATION TO A CENTRAL OFFICE REQUEST**



**SERVER SENDS CENTRAL OFFICE REQUEST TO CENTRAL OFFICE**



**CENTRAL OFFICE QUERIES MODEM STATUS OF A CUSTOMER AND CREATES A STATUS SIGNAL**



**CENTRAL OFFICE TRANSMITS STATUS SIGNAL TO SERVER**



**SERVER CONVERTS STATUS SIGNAL TO A READABLE FORMAT FOR TELECOMMUNICATIONS SERVICE PROVIDER AND TRANSMITS STATUS SIGNAL TO INTERNET INTERFACE**

**FIGURE 2**





Home



Search

# MegaHost



Password Feedback



**Subscriber**

KORY LASKER

**Phone**

6123780747

**Address**

MPLS MN 55414

**Circuit**

15/ARDA/612/378/0747

**VPI**

1

**VCI**

418

**Due**

**Speed**

256

**Type**

Dedicated

MegaCentral

uswnetmpls

Modem Status

Shipping Logs

Figure 4

18a